

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000006**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 30-Nov-2006**Location:** Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 0

Item	Title	Detail
1	Major component movement	<p>Conducted welding of the following PQR's:</p> <p>1G FCAW (HP-2006107) using Hyundai Supercored 71H electrode to AWS D1.5, Section 5.12.1 (Maximum Heat Input)</p> <p>1G GMAW (HP-2006119) using Supertech SM-70 electrode to AWS D1.5, Section 5.13 (Production Procedure)</p> <p>Observed the RT film of 3G FCAW PQR (HP-2006118) - satisfactory</p>
2	Key conversations	<p>The QA Inspector spoke with ABF Quality Control Manager (QCM) Jim Bowers regarding the parameters used for the GMAW test. This test is being performed to qualify the root pass of the formed-rib to skin plate weld.</p> <p>Mr. Bowers what not sure what parameters ZPMC wanted to use for this root pass. Mr. Bowers informed QA that the parameters he knew about were based upon Lincoln Electric Company's research with Lincoln's welding machine and electrodes, and that he did not know what parameters ZPMC wanted to conduct their root pass at since they were using different welding equipment and electrodes.</p>
3	Quality Assurance Inspectors per shift	<p>1 AM</p> <p>0 PM</p>
4	Logistics	New shop facilities still under construction.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer